Instructions For The Fiscal Year 05 MCA and AFH Programs

1. <u>Programs</u>. This guidance applies to Concept (Code 2) and Parametric (Code 3) design efforts for projects in the FY 05 Military Construction, Army (MCA) and Army Family Housing Military Construction (AFH) programs.

2. <u>Goal</u>. The goal of this guidance is to improve the quality of the DD Forms 1391 in the Army Budget request for FY 05. Better quality DD Forms1391 will improve our ability to award full scope projects within the Program Amount (PA) and ultimately deliver high quality facilities that meets the customer's requirements, on time and within budget.

3. <u>Installation Management Agency (IMA) Regional Representative</u>. The importance of including the new IMA POC in the design process cannot be overstated. He/she will be invaluable in clarifying scope/cost issues not requiring higher headquarters authorization, and in cases where higher headquarters authorization is required; he/she can assist for prompt resolution. Coordination should be made with the appropriate region for the project. Below is a list of Region POCs.

REGION	POC	Email	Phone
HQ, IMA	George Carlisle	George.Carlisle@hqda.army.mil	703-602-5388
NERO	Alan Rogers	rogersal@monroe.army.mil	757-788-2499
NWRO	Raju Penmatcha	penmatchar@ria.army.mil	309-782-5918
SERO	Tommy Kyzar	Tommy.Kyzar@forscom.army.mil	404-464-0771
SWRO	Bill Truxaw	Bill.Truxaw@cen.amedd.army.mil	210-221-0437
EURO	Dave Snare	Dave.Snare@dcsengr.hqusareur.army.mil	011-49-6621-157-6994
PARO	Jonathan Wung	WungJ@shafter.army.mil	808-438-9753
KORO	Won Lee	LeeWK@usfk.korea.army.mil	DSN 724-5657

4. <u>Changes from FY 04</u>. Several significant changes from previous years are required for the FY 05 MCA program.

    a. <u>Submittal Date</u>. OSD is expected to request the FY 05 Budget submittal from the Services by mid-Aug 03, about a month earlier that the traditional mid-Sept date.

    (1). <u>MCA</u>. To facilitate the earlier OSD submittal, Code 2 or 3 design directives will be released for the majority of the FY 05 MCA program by early Nov 02, about two months earlier than previous years. The Concept / Parametric Design submittals for MCA projects are due to HQUSACE by **15 May 03** (unless noted otherwise on directives). This will allow time for the District Project Delivery Team (PDT) to incorporate review comments (see AR415-15, *Army Military Construction Program Development and Execution*, 4 Sep 98, par 5-8.k @ web site http://www.usapa.army.mil/pdffiles/r415_15.pdf, page 21 of 56) and HQUSACE / OACSIM coordination of cost and scope revisions to the DD Forms 1391 for the OSD Budget Book (Budget Estimate Submission-BES).

    (2). <u>AFH</u>. We expect AFH projects to receive Code 2 or 3 design directives by late Dec 02. All Parametric Design submittals will be due at HQUSACE by **16 Jun 03**. This year HQUSACE will be reviewing ENG Form 3086 submittals and has reserved this time after the MCA review.

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b. Design Charrette. A Design Charrette is generally required for all FY 05 construction projects. The MSC PM may waive this requirement. For example, phased or incremental funded projects may already be well defined and a Design Charrette would not be necessary to establish a reliable cost estimate.

c. Sustainable Design and Development (SDD). HQDA has mandated greater emphasis on SDD, and HQUSACE and OACSIM have tentatively agreed to a goal of fourteen (14) FY 05 projects for "*Gold*" or "*Platinum*" Showcase recognition. To meet this goal, each district having any vertical construction MCA and AFH projects will select at least one (1) project, and districts with multiple vertical construction projects will select more for showcase recognition. Selected Showcase projects are required in the Parametric Design submittal to HQUSACE. The District PDT PM will coordinate with the District PDT customer representative to include a description of SDD items on the DD Form 1391, block 10, "*Description of Proposed Construction.*" Please note that ENG Form 3086 new policy (see below paragraph 7.c.(8.)(c.)) requires that any additional costs for "Gold" and " Platinum" ratings be identified and explained on the ENG Form 3086.

d. Supplemental Data for AFH. This year, in addition to the MCA program, the AFH program requires the District PDT to submit supplemental data via the DD 1391 Processor. A Supplemental Data report, available on CAPCES in early Jan 03, will assist in verification of data entry. For Processor customers, access to CAPCES is free. Please call McClendon Automation's Barbara Hempstead at (703) 263-0490, extension 15, for questions or assistance in loading the Web CAPCES application.

5. Design Authorization.

a. Code 2, Concept Design versus Code 3, Parametric Design. Code 3, Parametric Design, is the normal process that will be authorized for the initial design phase.   If the District PDT determines that the project requires a full concept design to establish a reliable Program Amount (PA), then a request and supporting justification, endorsed by the MSC, may be submitted to the HQ PM.

b. HQUSACE Design Directive. The design directive will identify the OACSIM approved PA for the project. If the directive PA is different from the current 1391 Processor electronic DD Forms 1391, the directive will provide an explanation and specific instruction to resolve the difference.   If the design directive does not adequately resolve the differences, the district will notify the MSC immediately for coordination with the HQ PM. CEMP-MA will adjudicate differences with OACSIM and provide guidance.

c. MCA Projects with Design Code "2" or "3" Issued Prior to Sep 02. Some current MCA FY 05 projects were deferred from the FY 04 program and have had Parametric Designs and ENG Forms 3086 prepared. The district will update the Parametric Design and ENG Form 3086 for FY 05 and re-submit by **15 May 03**.

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    d. Late Releases. Districts should have a full six (6) months to develop a complete Parametric Design package in accordance with TI 802-01, "*Technical Instructions for Code 3 Design With Parametric Estimating,*" dated 15 May 1998 (see web site http://www.hnd.usace.army.mil/techinfo/ti/paramet.pdf). For projects not given a full six (6) months for a Parametric Design, the district will hold a Design Charrette and prepare the best Parametric Design package and ENG Form 3086 possible within the time allotted.

6. Design Charrette.

    a. General Guidance. The district will hold a Design Charrette for all projects, unless waived by the MSC. Design Charrette guidance is provided in Engineering and Construction Bulletin, 2002-13 (rev 2), *Design Charrette Guidance for Army Military Construction (MILCON) Program*, CECW-EI, 6 Sep 02 (see web site http://www.hnd.usace.army.mil/techinfo/ECB/ECB%202002-13%20(Rev.%202).pdf).

    b. Collection of Project Data. The district will obtain a copy of the Division Commander's certified DD Form 1391 (if certified by USACE) and a current electronic DD Form 1391 Processor version (to include Tabs A-J). In order to avoid confusion, if the Certified DD Form 1391, 1391 Processor version, and/or directive PA have differences, the HQUSACE directive will provide clarification and direction. If the design directive does not adequately explain the differences, the MSC PM will immediately notify the HQ PM and request clarification.

    c. Validate the Cost and Scope on Approved DD Form 1391. Validation of the cost and scope is explained in the above Design Charrette reference and is emphasized here. The district will validate that the approved DD Form1391 accurately reflects the customer's requirements as substantiated by the customer's representative at the Design Charrette. If changes are identified at the Design Charrette, both the customer and the district should take action as soon as possible. The customer should coordinate through the IMA for ACSIM approval, and the district will coordinate with the MSC for notification to the HQ PM. CEMP-MA will coordinate with ACSIM on behalf of the Corps in reaching an expedited resolution. As a result of the FY 04 Parametric submission (lessons learned), OACSIM has emphasized that, unless they are notified when changes first surface, they do not want Parametric Design submissions that are different from the 1391 Processor version of the DD form 1391.

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7. Parametric / Concept Design Submission to HQUSACE. The following four items, i.e.,
(1) e-mail notification to the HQ PM, (2) electronic Supplemental Data via the 1391 Processor,
(3) ENG Form 3086 via the 1391 Processor, and (4) a hard copy Parametric Design package, are
due no later than **15 May 03 for MCA** and **16 Jun 03 for AFH** (unless a different date has been
specified on the directive).

   a. E-mail Notification to the HQ PM (info Bob Perrine). The MSC will provide the below
information via e-mail.

      (1). Distribution Complete. State that hard copies of the design packages have been mailed.

      (2). Environmental Documentation. State whether or not the project's environmental
documentation has been completed. The PM should insure that the hard copy submission contains
this information. TI 802-01, "*Technical Instructions for Code 3 Design With Parametric
Estimating,*" dated 15 May 1998 (see web site
http://www.hnd.usace.army.mil/techinfo/ti/paramet.pdf) requires, as part of the narrative description
of the parametric package, "*a summary of environmental issues that would impact the cost of the
project.*"

      (3). Scope / Cost. State that the cost/scope is in accordance with the cost and scope
validated at the Design Charrette. If different, provide a brief description of changes.

      (4). Date Agreement. State that the calculation used for the project unit costs on the ENG
Form 3086 (DD Form 1391 tab "A") and the construction schedules developed for the
Supplemental Data sheet (DD Form 1391 tab "B") used the same "*Construction Start*" and
"*Construction Completion*" dates. This set of dates is entered separately at both Tabs "A" and "B"
and if different are in error. The CAPCES Supplemental Data report (see above paragraph 4.d.) will
flag projects with different "*Construction Start*" and "*Construction Completion*" dates.

      (5). Information Systems Agreement. State that DD Form 1391, Tab F, "*Information
Systems*" total costs (Primary and Supporting facilities) match ENG Form 3086 information systems
costs (Primary and Supporting Facilities). This set of costs is entered separately at both Tabs "A"
and "F" and, if different, are in error. Tab "F" total will overwrite the ENG Form 3086 costs
causing the total DD Form 1391 cost to be different from the total ENG Form 3086 cost.

      (6). SDD. Provide a list of Showcase SDD projects and additional costs (if any).

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    b. <u>Supplemental Data via the 1391 Processor</u>.

       (1). <u>District PDT Responsibility</u>. The district will enter data onto the DD Form 1391 Processor, Tab B, "*Planning and Design*;" i.e., design and construction schedules, planning and design (P&D) costs, type of design (standard or definitive), answer to question, "*Where has this type of design be used before?*" and type of design contract (Design-bid-build or Design-build). The new Supplemental Data report (see above paragraph 4.d.) will provide a printout of all data entered and should assist in this data entry.

       (2). <u>Design-Build (DB)</u>. The district will review all projects for possible design-build acquisition. If the choice is DB, the district will enter this information into the Supplemental Data, "*Type of Design Contract*" as "*Design-build*" and insure that the electronic ENG Form 3086 has a cost line item that is no more than four (4) percent of the total of the Estimated Cost of Construction (ECC) plus contingency. This is part of the Construction Current Working Estimate (CWE) allocated from construction funds and will be used for the construction contractor to prepare the design and for the district to review it. Planning and design (P&D) funds will be used to prepare the Parametric Design, to prepare the request for proposal (RFP) DB package, and to prepare and input award costs into the HAG. Once submitted, this procurement method may not be changed without requesting approval from the HQ PM. Please see below paragraph "8" for specific direction in entering DB data into the 1391 Processor.

    c. <u>ENG Form 3086</u>. The District will submit ENG Form 3086 via the 1391 Processor to the HQUSACE DD Form 1391 Quality Assurance Team Cost Engineer (HQ Cost Engineer) for both MCA and AFH. Review and approval of the cost and scope will be in accordance with the following procedures:

       (1). <u>Quality Control (QC)</u>. In accordance with the Project Management Business Process (PMBP), Quality Control of the ENG Forms 3086 is a District function. As such, the District chief of the Cost Engineering element will ensure review and Quality Control occurs for all ENG Forms 3086. The MSC lead cost engineer will perform Quality Assurance (QA), and Huntsville Engineering and Support Center Range and Land Program Mandatory Center of Expertise (RTLP MCX) will perform QA for Range Projects.

       (2). <u>HQUSACE Review</u>. The HQ Cost Engineer will review each ENG Form 3086 as it is submitted in accordance with ER 1110-3-1300, "*Engineering and Design - Military Programs Cost Engineering*," 26 Aug 99, paragraph 14 and Appendices A and B (see web site http://www.usace.army.mil/inet/usace-docs/eng-regs/er1110-3-1300/toc.htm).

       (3). <u>Returned for Correction (RFC) No. One</u>. If the HQ Cost Engineer disagrees with the submission, he will RFC the ENG Form 3086 with comments to the District for correction. A copy of the comments will be e-mailed to the HQ PM for coordination with the MSC PM.

       (4). <u>ENG Form 3086 Submission No. Two</u>. The district PDT (cost engineer representative) will correct the ENG Form 3086 with a full explanation under "*Explanation of Data Development*" and resubmit it after coordination and approval by the MSC.

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(5). Returned for Correction (RFC) No. Two. The HQ Cost Engineer will review the resubmitted ENG Form 3086 and if he disagrees with the submission, he will again RFC the ENG Form 3086 for correction with an e-mail to the HQ PM for coordination with the MSC PM.

(6). ENG Form 3086 Submission No. Three and Final HQUSACE Approval. Upon receipt of the third submission of the ENG Form 3086 form, if HQ Cost Engineer still disagrees, HQ PM will coordinate a teleconference with the MSC PM. If there is still a non-agreement, the Chief of Army Branch (CEMP-MA) will reach a final decision.

(7). Final HQUSACE CWE Report. The final HQUSACE certified CWE is reported via the standard CAPCES report, "*MCA CWE*" (this report is being upgraded to include AFH (Jan 03)). Information is posted daily as the HQ Cost Engineer approves the ENG Forms 3086. All Processor users can have free access to CAPCES.   Please call McClendon Automation's Barbara Hempstead at (703) 263-0490, extension 15, for questions or assistance in loading the WebCAPCES application.

(8). ENG Form 3086 Policies & Procedures.

(a). Explanation of Data Development. The submitted ENG Form 3086 will have under "*Explanation of Data Development,*" a comparison and explanation of any changes from the cost and scope validated and approved at the Design Charrette. If the Design Charrette was waived by the MSC, use the USACE certified DD Form 1391 or (if not certified) the 1391 Processor DD Form 1391 as it appeared at the initiation of design for comparison of changes.

(b). The primary facilities unit cost will not exceed OSD Unit Cost Guidance amount for the facility type at the project location. Any exceptions will be thoroughly explained under "*Explanation of Data Development*" on the ENG Form 3086. OSD Unit Cost Guidance for MILCON projects are updated annually, and published and maintained on the PAX Newsletter (see for PAX Newsletter information at the following web sites:

[1]. PC Cost and the 1391 Processor update @ web site
http://www.hq.usace.army.mil/cemp/e/EC/PAX/paxtoc.htm

[2]. 3.2.1 DoD Area Cost Factors @ web site
http://www.hq.usace.army.mil/cemp/e/EC/ACF/321/FY04/3.2.1%20pax%20news%20(r2)FY%2004-05.pdf

[3]. 3.2.2. Military Construction Facility Cost Table @ web site
http://www.hq.usace.army.mil/cemp/e/EC/PAX/322/FY04/FY04%20Fac.%20Unit%20Cost-English.pdf

[4]. 3.2.2. Metric Version @ web site
http://www.hq.usace.army.mil/cemp/e/EC/PAX/322/FY04/FY04%20Fac.%20Unit%20Cost-Metric.pdf

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(c). <u>Sustainable Design Development (SDD)</u>. No additional Unit Cost allowance is permitted to meet the minimum "*Bronze*" or "*Silver*" SDD. Currently, OACSIM policy does not allow the cost for SDD to be identified as a separate primary line item or supporting facility line item, and there are no facility category codes to identify SDD items separately in the 1391 Processor. For projects meeting SPiRiT "Gold" or "Platinum" rating, SDD items (with quantity) will be shown as breakdown detail for the appropriate Facility Category Code primary line item(s) and /or supporting facilities and clearly marked as SDD items. The DD Form 1391 will include a description of SDD items in Block 10, "*Description of Proposed Construction.*" Calculation will be based on Sustainable Project Rating Tool (SPiRiT), Version 1.4, April 01 (see web site http://www.hqda.army.mil/acsimweb/fd/docs/SPiRiTv14Final.doc).

(d). <u>Unit Cost Mid Point Of Construction Calculation</u>. Calculation for project unit costs on the ENG Form 3086 (DD Form 1391, Tab A) and construction schedules on Tab B, Supplemental Data Sheet, will use the same "*Construction Start*" and "*Construction Completion*" dates.

(e). <u>Changes</u> from the Certified DD Form 1391 (or later changes approved by OACSIM and recorded on the DD Form 1391) will be described on the ENG Form 3086 under "*Explanation of Data Development*."

(f). <u>Detail Breakdown</u>. Lump sum cost line items will be broken down into detail with quantity descriptions. "*Explanation of Data Development*" will explain why any cost cannot be supported with a breakdown.

(g). <u>Antiterrorism / Force Protection (AT/FP)</u>. Anti-Terrorism/Force Protection (AT/FP) costs are included and separately identified in both Primary and Supporting Facility costs on the DD Form 1391. AT/FP measures for both primary and supporting facilities are described in Block 10, "Description of Proposed Construction" stating what is provided. Line items are shown unless TAB G states no AT/FP is required. AT/FP costs (primary and support) exceeding 2.5% of the project cost (with "minimum" threat level checked at Tab G, "AT/FP Data") or exceeding 11% (with either "minimum" or "above minimum" threat levels) should be coordinated with the Installation Force Protection Officer (FPO) and/or the Protective Design Center (POC Douglas E. Wehring, tel 402-221-4918). Check to ensure category code "88041" for Primary Facilities and category code "88042" for Supporting Facilities have been used.

(h). <u>Information Systems Cost</u>. In developing information systems costs on ENG Form 3086, the PM will coordinate through the District PDT customer representative with the Director of Information Management (DOIM) for any necessary changes to the DD Form 1391, Tab F, "*Information System Cost Detail*." DD Form 1391, Tab F, "*Information Systems*" total costs must match ENG Form 3086 primary and support facilities information systems costs.

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    d. Hard Copy Parametric and Concept Design Package (see TI 802-01, *"Technical Instructions for Code 3 Design With Parametric Estimating,"* dated 15 May 1998 @ see web site http://www.hnd.usace.army.mil/techinfo/ti/paramet.pdf).

    (1). Contents. The hard copy package will include a cover sheet, simplified sketches, narrative report, and parametric estimate.

    (a). SDD. This package will also include a narrative description of SDD considerations and SPiRiT point score assigned to the project in lieu of energy conservation considerations (see above reference paragraph 7.c.(8)(c) - SDD).

    (b). Facility Type Narrative. OACSIM requires the following specific information in the narrative description.

Barracks:
- o Max barracks utilization (spaces).
- o Intended barracks utilization (number of E1-E4's and number of E5-E6's).
- o Number of floors.
- o Type of barracks module, e.g., 2-bedroom apartment (1+1), 4-bedroom apartment, private module, 2-bedroom townhouse, 2+0 (modified 2+2 - shared bedroom for 2 E1-E4's with one bathroom), etc.
- o Min barracks room net area.
- o Type of cooking facilities in barracks modules (stove or cook top).
- o Number of washers and dryers, and location, i.e., module, floor, barracks building, soldier community building.
- o Are Soldier Community Facilities integrated in barracks buildings or in a stand-alone building?

Company Operations Facilities (COF's):
- o Description of each building (number of stories, and gross area)
- o Number of COF's in each building and size range of each COF (number of personnel)
- o Number of male and female locker rooms in each building
- o Number and size of TA-50 lockers in each COF

Battalion Headquarters Buildings:
- o Description of each building (number of stories, and gross area)
- o With or without classrooms
- o With or without troop aid station

Brigade Headquarters Building:
- o Number of stories
- o Gross area

Dining Facility:
- o Design capacity, i.e., 251-500, 502-800, 801-1300
- o Gross area
- o Number of seats

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(2). <u>Distribution</u>. Mail hard copy packages to the installation, and determine if the MACOM and/or IMA desire packages. Packages will also be mailed to the below.

Dept of the Army
Office of the Assistant Chief of Staff for Installation Management
Attn: DAIM-FDC (Reed)
Room 1E667
600 Army Pentagon
Wash DC 20310-0600   POC - David Reed, tel 703-692-9203

For Barracks projects only, send ACSIM copy to:

HQ Dept of the Army
Office of the Asst Ch of Staff for Installation Management
DAIM-FDH-U, Casey Bldg, Room 102 (Mino)
7701 Telegraph Rd
Alexandria, VA 22315-3817   POC - George Mino, tel 703-428-7708

For Army Family Housing projects only, send ACSIM copy to:

HQ Dept of the Army
Office of the Assistant Chief of Staff for Installation Management
DAIM-FDH-F, Casey Bldg, Room 102 (Hentz)
7701 Telegraph Rd
Alexandria, VA 22315-3817   POC – Richard Hentz, tel 703-428-8936

Dept of the Army
US Army Information System Engineering Command - Ft Detrick Engineering Office
Attn: AMSEL-IE-DE-IN-CO (Kimberley)
1435 Porter Street, Suite 200
Fort Detrick, Maryland 21702-5047   POC Jerry Kimberley, tel 301-619-6488

<u>*For Range projects only*</u>
Center of Expertise for Army Range and Training Land Program (RTLP)
Attn: CEHNC-IS-SP (Petty)
4820 University Square
Huntsville, AL 35816-1822   POC Vernon Petty, tel 256-895-1534

U.S. Army Corps of Engineers
Attn: CEMP-MA (Perrine) Cubical 3R78
441 G Street NW
Washington DC 20314-1000   POC Bob Perrine, tel 202-761-1260

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8. Design-Build (DB) Supplemental Data Instructions. The District PDT will enter data to the 1391 Processor, Tab "*B-Supplemental Data*" in support of DB. The following instructions provide, as an example, an A-E prepared $10 million PA standard design child development center at Ft Campbell.

     1. STATUS

     A. DESIGN START DATE **_JAN 2003_** - enter the date design was started, i.e., the date when all appropriate design contracting procedures have been completed and the designer (A-E or in-house) was directed to proceed with the Parametric Design. This item does not concern the construction contractor's design efforts.

     B. PERCENT COMPLETE AS OF 15 SEP 2003 (DSGN YR) **_15_** - use 15 percent. Presume code 7 release on 1 Aug 03.

     C. PERCENT COMPLETE AS OF 01 JAN 2004 (BDGT YR) **_15_** - use 15 percent. Presume code 7 release on 1 Aug 03.

     D. PERCENT COMPLETE AS OF 01 OCT 2004 (PROG YR) **_25_** - represents RFP completion and ready to solicit.

     E. CONCEPT COMPLETE DATE **_FEB 2005_** - use date when Construction Contractor reaches/expected to reach estimated 35%. Suggest using Construction Contract Award Date plus 2 months).

     F. DESIGN COMPLETE-DATE **_APR 2005_** - use date when Construction Contractor completes his design and it is accepted; typically suggest using Construction Contract Award Date plus 4 months.

     G. TYPE OF DESIGN CONTRACT: **_Design-build_**

     2. BASIS

     A. STANDARD OR DEFINITIVE DESIGN (YES/NO) **_Y_** - front page narrative should be consistent with the DD Form 1391 "*Description of Proposed Construction,*" i.e., Y - YES for "*Standard*" – "*Construct a modified standard-design,*" or "*Construct a standard design.*" If a definitive design is being used, the answer will be <u>N</u> - NO - "*Definitive.*"

     B. WHERE DESIGN WAS MOST RECENTLY USED: **_Fort Knox_** - state station. Check with MSC POC for division wide information.

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3. COST (TOTAL $000) - include only MILCON P&D-funded work. This should be the amount requested/received for the Parametric Design plus costs to prepare the request for proposal (RFP) and input award costs into the Historical Analysis Generator (HAG).

A. PRODUCTION OF PLANS AND SPECS   **45** - a value must be entered; zero (0) is not allowed. This is the cost included within the six (6) percent statutory cost limitation for preparation of the Parametric Design and the RFP package. EFARS 36-606.70 (web site http://www.hq.usace.army.mil/cepr/efars/part36.pdf page 8 of 9) provides a list of items not considered part of the six percent. As a rule of thumb, suggest using no more than 0.5% of the estimated Cost of Construction (ECC). ECC should be 90% of the PA.

B. ALL OTHER DESIGN COST   **155** - all P&D costs not listed above in "A" must be included here.

C. TOTAL DESIGN COST (C) = (A)+(B) AND (D)+(E)   **200**

D. CONTRACT   **150** - item can be zero (0). This is the amount contracted to an A-E for preparation of the Parametric Design and/or the RFP package.

E. IN-HOUSE   **50** – all P&D costs not listed above in "D" must be included here.

4. CONSTRUCTION CONTRACT AWARD   **DEC 2004** - indicate the month and year the contract is planned to be awarded to the construction firm. Suggest using Dec 2004.

5. CONSTRUCTION START   **APR 2005** - indicate month and year construction is planned to start. Suggest using Design Complete Date (item 1.F. above). This could be earlier if efforts to fast track allow some/limited construction starting while contractor's design is not yet complete/approved. ENG Form 3086 (DD Form 1391, Tab A) must use the same "*Construction Start*" (DD Form 1391, Tab A) for calculation of unit price costs.

6. CONSTRUCTION COMPLETION   **OCT 2006** - date needs to be consistent with the funding and availability of installed equipment, if any. ENG Form 3086 (DD Form 1391, Tab A) must use the same "*Construction Completion*" (DD Form 1391, Tab A) for calculation of unit price costs.

9. Points of Contact (POC). As a "lessons learned" from the FY 04 program, HQUSACE and OACSIM recognize the need for a comprehensive POC list for coordinating quick turn-around actions. For the FY 05 program HQUSACE is attempting to work with OACSIM in building this list. District and MSC PM's are asked to provide the names, e-mail addresses, and commercial phone numbers for the MSC PM, District PDT PM, District PDT customer representative, Director of Information Management (DOIM), and installation coordinator for each project. POC for this action is Bob Perrine @ e-mail Robert.M.Perrine@hq02.usace.army.mil.